

AMENDMENTS

The following listing of claims replaces all prior versions, and listings, of claims in the application.

Claims 1-15 (canceled).

Claim 16 (currently amended) A catheter ~~as claimed in Claim 1 having a distal end and a wall, the catheter comprising a heat transfer device located approximately at its distal end, wherein the heat transfer device is a flexible metal film having at least one electrical resistor flow path thereon or therethrough, wherein said film is locatable around the catheter wall, and~~ wherein the heat transfer device comprises an outwardly located layer of material selected from a group consisting of silver and gold.

Claim 17 (previously presented) A catheter having a distal end and a wall, the catheter comprising a heat transfer device located approximately at its distal end, wherein the heat transfer device is a length of the outer wall of the catheter at least partly formed from doped material able to act as a heat transfer device upon application of power therethrough.

Claim 18 (previously presented) A catheter as claimed in Claim 17 wherein the doped material is selected from a group consisting of silver and gold.

Claims 19-26 (canceled).

Claim 27 (currently amended) A catheter as claimed in Claim 16, the catheter having a single ~~distal~~ lumen.

Claim 28 (previously presented) A catheter as claimed in Claim 27 wherein the lumen has a diameter of between approximately 0.5 to 0.7 mm.

Claims 29-30 (canceled).

Claim 31 (new) A catheter as claimed in claim 17, the catheter having a single lumen.

Claim 32 (new) A catheter as claimed in claim 31, wherein the lumen has a diameter of between approximately 0.5 to 0.7 mm.